STIC Search Report
Biotech-Chem Library

STIC Database Tracking Number: 111735

TO: James Schultz
Location: CM1-12E18/11E12
Art Unit: 1635
Friday, January 09, 2004
Case Serial Number: 09/904568

From: Paul Schulwitz
Location: Biotech-Chem Library
CM1-6B06
Phone: 305-1954

paul.schulwitz@uspto.gov

Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(703)305-1954

GenCore version 5.1.6			
Copyright (c) 1993 - 2004 Compugen Ltd.			
OM nucleic - nucleic search, using sw model			
Run on: January 7, 2004, 00:38:53 ; Search time 4271.41 Seconds			
(without alignments)			
10535.312 Million cell updates/sec			
Title: US-09-904-568-1			
Perfect score: 1100			
Sequence: 1 gcacgagccacagccagcta..........attaaaaaaaaaaaaaaaaa 1100			
Scoring table: IDENTITY_NUC			
Gapop 10.0 , Gapext 1.0			
Searched: 2888711 seqs, 20454813386 residues			
Total number of hits satisfying chosen parameters: 1257286			
Minimum DB seq length: 12			
Maximum DB seq length: 50			
Post-processing: Minimum Match 0%			
Maximum Match 100%			
Listing first 65000 summaries			
Database : **GenEmbl:***			
1: gb_ba:*			
2: gb_htg:*			
3: gb_in:*			
4: gb_om:*			
5: gb_ov:*			
6: gb_pat:*			
7: gb_ph:*			
8: gb_pl:*			
9: gb_pr:*			
10: gb_ro:*			
11: gb_sts:*			
12: gb_sy:*			
13: gb_un:*			
14: gb_vi:*			
15: em_ba:*			
16: em_fun:*			
17: em_hum:*			
18: em_in:*			
19: em_mu:*			
20: em_om:*			
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22: em_ov:*			
23: em_pat:*			
24: em_ph:*			
25: em_pl:*			
26: em_ro:*			
27: em_sts:*			
28: em_un:*			
29: em_vi:*			
30: em_htg_hum:*			
31: em_htg_inv:*			

		32: em_htg_other:*					
		33: em_htg_mus:*					
		34: em_htg_pln:*					
		35: em_htg_rod:*					
		36: em_htg_mam:*					
		37: em_htg_vrt:*					
		38: em_sy:*					
		39: em_htgo_hum:*					
		40: em_htgo_mus:*					
		41: em_htgo_other:*					

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	S/L
c 398	18	1.6	18	6	AX028843	1
c 987	17	1.5	17	6	A28997	1
c 988	17	1.5	17	6	AR104585	1
c 989	17	1.5	17	6	AR141074	1
c 990	17	1.5	17	6	AR175846	1
991	17	1.5	17	6	AR222463	1
c 992	17	1.5	17	6	AR236087	1
c2535	16	1.5	16	6	AR027678	1
c2536	16	1.5	16	6	AR037355	1
2537	16	1.5	16	6	AR104584	1
2538	16	1.5	16	6	AR175845	1
c2539	16	1.5	16	6	AR221692	1
2540	16	1.5	16	6	AR222462	1
c2541	16	1.5	16	6	AR257437	1
2542	16	1.5	16	6	AX039049	1
c2543	16	1.5	16	6	AX235176	1
2544	16	1.5	16	6	BD167413	1
2545	16	1.5	16	6	BD167414	1
c2546	16	1.5	16	6	I38676	1
c2547	16	1.5	16	6	I38682	1
c2548	16	1.5	16	6	I38700	1
c4796	15	1.4	15	6	AR029402	1
4797	15	1.4	15	6	AR029403	1
c4798	15	1.4	15	6	AR034895	1
4799	15	1.4	15	6	AR034898	1
4800	15	1.4	15	6	AR048768	1
c4801	15	1.4	15	6	AR049970	1
4802	15	1.4	15	6	AR049971	1
c4803	15	1.4	15	6	AR056157	1
c4804	15	1.4	15	6	AR056158	1
c4805	15	1.4	15	6	AR080676	1
4806	15	1.4	15	6	AR084516	1
c4807	15	1.4	15	6	AR084520	1
c4808	15	1.4	15	6	AR105981	1
c4809	15	1.4	15	6	AR113915	1
c4810	15	1.4	15	6	AR113916	1
4811	15	1.4	15	6	AR170375	1
c4812	15	1.4	15	6	AR200476	1
4813	15	1.4	15	6	AR200477	1
4814	15	1.4	15	6	AR222461	1

c4815	15	1.4	15	6	AR266630	1
c4816	15	1.4	15	6	AX004877	1
c4817	15	1.4	15	6	AX026066	1
c4818	15	1.4	15	6	AX048407	1
4819	15	1.4	15	6	AX106973	1
c4820	15	1.4	15	6	AX127272	1
c4821	15	1.4	15	6	AX127273	1
c4822	15	1.4	15	6	AX180140	1
c4823	15	1.4	15	6	AX180141	1
c4824	15	1.4	15	6	AX429224	1
4825	15	1.4	15	6	AX525141	1
4826	15	1.4	15	6	AX525143	1
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c4829	15	1.4	15	6	AX696087	1
4830	15	1.4	15	6	AX711176	1
c4831	15	1.4	15	6	BD074424	1
c4832	15	1.4	15	6	BD084687	1
c4833	15	1.4	15	6	E08522	1
c4834	15	1.4	15	6	E12591	1
4835	15	1.4	15	6	I29068	1
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c10515	14	1.3	14	6	AR029887	1
c10516	14	1.3	14	6	AR174027	1
10517	14	1.3	14	6	AR222460	1
c10518	14	1.3	14	6	AX048406	1
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10520	14	1.3	14	6	BD084127	1
c10521	14	1.3	14	6	BD096963	1
c10522	14	1.3	14	6	BD096965	1
c10523	14	1.3	14	6	BD132850	1
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c10525	14	1.3	14	6	BD176801	1
c10526	14	1.3	14	6	BD176804	1
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c25418	13	1.2	13	6	AR012010	1
25419	13	1.2	13	6	AR145368	1
c25420	13	1.2	13	6	AR179431	1
c25421	13	1.2	13	6	AR205695	1
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c25423	13	1.2	13	6	AX021144	1
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c25431	13	1.2	13	6	AX547728	1
c25432	13	1.2	13	6	AX547729	1
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63744	12	1.1	12	6	AR036352	1
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c63746	12	1.1	12	6	AR123340	1
c63747	12	1.1	12	6	AR123341	1
c63748	12	1.1	12	6	AR141899	1
63749	12	1.1	12	6	AR145143	1
c63750	12	1.1	12	6	AR145144	1
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c63752	12	1.1	12	6	AR145318	1
63753	12	1.1	12	6	AR179430	1
c63754	12	1.1	12	6	AR194729	1
c63755	12	1.1	12	6	AR194730	1
c63756	12	1.1	12	6	AR201467	1
c63757	12	1.1	12	6	AR204723	1
63758	12	1.1	12	6	AR205694	1
63759	12	1.1	12	6	AR222458	1
c63760	12	1.1	12	6	AX048404	1
63761	12	1.1	12	6	AX452475	1
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c63763	12	1.1	12	6	BD062293	1
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c63765	12	1.1	12	6	BD175803	1
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63767	12	1.1	12	6	I12569	1
63768	12	1.1	12	6	I20203	1
c63769	12	1.1	12	6	I20204	1
c63770	12	1.1	12	6	I34636	1
c63771	12	1.1	12	6	I34637	1
c63772	12	1.1	12	6	I34638	1
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c63776	12	1.1	12	6	I47691	1
c63777	12	1.1	12	6	I47693	1
c63778	12	1.1	12	6	I58806	1
63779	12	1.1	12	6	I72093	1
63780	12	1.1	12	6	I72096	1
63781	12	1.1	12	6	I72100	1
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995	17	1.5	18	6	AR058305	0.944444
c 996	17	1.5	18	6	AR097579	0.944444
997	17	1.5	18	6	AR106506	0.944444
c 998	17	1.5	18	6	AR215435	0.944444
999	17	1.5	18	6	AR222464	0.944444
c1000	17	1.5	18	6	AX004875	0.944444
c1001	17	1.5	18	6	AX004879	0.944444
1002	17	1.5	18	6	AX008117	0.944444
c1003	17	1.5	18	6	AX008118	0.944444
c1004	17	1.5	18	6	AX008122	0.944444
1005	17	1.5	18	6	AX008123	0.944444
c1006	17	1.5	18	6	AX028844	0.944444
c1007	17	1.5	18	6	AX028845	0.944444
1008	17	1.5	18	6	AX047271	0.944444
c1009	17	1.5	18	6	AX047273	0.944444
c1010	17	1.5	18	6	AX104721	0.944444

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c1014	17	1.5	18	6	AX268883	0.944444
c1015	17	1.5	18	6	AX355809	0.944444
c1016	17	1.5	18	6	AX547774	0.944444
c1017	17	1.5	18	6	AX547800	0.944444
c1018	17	1.5	18	6	BD085545	0.944444
1019	17	1.5	18	6	E28535	0.944444
c1020	17	1.5	18	6	E28536	0.944444
c1021	17	1.5	18	6	E32456	0.944444
c1022	17	1.5	18	6	I79509	0.944444
c21025	13.2	1.2	14	6	A52265	0.942857
c21026	13.2	1.2	14	6	AR266627	0.942857
c21027	13.2	1.2	14	6	E13665	0.942857
c21028	13.2	1.2	14	6	E13670	0.942857
c2549	16	1.5	17	6	AR172076	0.941176
c2550	16	1.5	17	6	AR173367	0.941176
c2551	16	1.5	17	6	AR187062	0.941176
c2552	16	1.5	17	6	AR187063	0.941176
c2553	16	1.5	17	6	AR266625	0.941176
c2554	16	1.5	17	6	AX361606	0.941176
c2555	16	1.5	17	6	AX692525	0.941176
c2556	16	1.5	17	6	AX692526	0.941176
c2557	16	1.5	17	6	BD011730	0.941176
c2558	16	1.5	17	6	BD091742	0.941176
c2559	16	1.5	17	6	BD091750	0.941176
c2560	16	1.5	17	6	BD091773	0.941176
c2561	16	1.5	17	6	BD097334	0.941176
c2562	16	1.5	17	6	BD142808	0.941176
c2563	16	1.5	17	6	BD143834	0.941176
c2564	16	1.5	17	6	BD167835	0.941176
c2565	16	1.5	17	6	BD167907	0.941176
c2566	16	1.5	17	6	BD168111	0.941176
c2567	16	1.5	17	6	BD171177	0.941176
c2568	16	1.5	17	6	E34258	0.941176
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c52501	12.2	1.1	13	6	I34782	0.938462
c52502	12.2	1.1	13	6	I64500	0.938462
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c4839	15	1.4	16	6	AR221695	0.9375
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c4848	15	1.4	16	6	AR257443	0.9375
c 489	17.8	1.6	19	6	A79657	0.936842
c 490	17.8	1.6	19	6	AR147331	0.936842
c10527	14	1.3	15	6	AR056156	0.933333
c10528	14	1.3	15	6	AR056159	0.933333
10529	14	1.3	15	6	AR084519	0.933333
c10530	14	1.3	15	6	AR113914	0.933333
c10531	14	1.3	15	6	AR113917	0.933333
c10532	14	1.3	15	6	AR241870	0.933333
c10533	14	1.3	15	6	AX633195	0.933333

c10534	14	1.3	15	6	AX633201	0.933333
10535	14	1.3	15	6	I29065	0.933333
10536	14	1.3	15	6	I29066	0.933333
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c25436	13	1.2	14	6	AR147961	0.928571
c25437	13	1.2	14	6	AR174026	0.928571
c25438	13	1.2	14	6	AR174028	0.928571
c25439	13	1.2	14	6	AR174029	0.928571
c25440	13	1.2	14	6	AR219685	0.928571
c25441	13	1.2	14	6	AR225431	0.928571
c25442	13	1.2	14	6	AR241806	0.928571
c25443	13	1.2	14	6	AX316793	0.928571
c25444	13	1.2	14	6	AX321516	0.928571
c25445	13	1.2	14	6	AX482598	0.928571
c25446	13	1.2	14	6	AX642209	0.928571
c25447	13	1.2	14	6	AX659631	0.928571
c25448	13	1.2	14	6	BD073883	0.928571
c25449	13	1.2	14	6	BD073886	0.928571
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c25453	13	1.2	14	6	BD084336	0.928571
25454	13	1.2	14	6	BD176796	0.928571
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c25457	13	1.2	14	6	BD176802	0.928571
c25458	13	1.2	14	6	BD176803	0.928571
c63782	12	1.1	13	6	AR016242	0.923077
c63783	12	1.1	13	6	AR053554	0.923077
c63784	12	1.1	13	6	AR065881	0.923077
c63785	12	1.1	13	6	AR080363	0.923077
c63786	12	1.1	13	6	AR103441	0.923077
c63787	12	1.1	13	6	AR148318	0.923077
63788	12	1.1	13	6	AR241741	0.923077
c63789	12	1.1	13	6	AR265160	0.923077
c63790	12	1.1	13	6	AX021788	0.923077
63791	12	1.1	13	6	E32298	0.923077
c2113	16.4	1.5	18	6	AR208427	0.911111
c2114	16.4	1.5	18	6	AX085253	0.911111
c3662	15.4	1.4	17	6	AX692523	0.905882
c3663	15.4	1.4	17	6	AX692524	0.905882
c3664	15.4	1.4	17	6	AX692527	0.905882
c 806	17.2	1.6	19	6	AR102020	0.905263
c 807	17.2	1.6	19	6	AR134802	0.905263
808	17.2	1.6	19	6	AR163080	0.905263
c 809	17.2	1.6	19	6	E08331	0.905263
c 399	18	1.6	20	6	AR030917	0.9
c 400	18	1.6	20	6	AR139961	0.9
c 401	18	1.6	20	6	AR140280	0.9
c 402	18	1.6	20	6	AR140558	0.9
c 403	18	1.6	20	6	I28309	0.9
c 404	18	1.6	20	6	I47310	0.9
c36566	12.6	1.1	14	6	AX328909	0.9
c36567	12.6	1.1	14	6	AX339537	0.9
c36568	12.6	1.1	14	6	I92593	0.9
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c1055	17	1.5	19	6	AR135296	0.894737
c1056	17	1.5	19	6	AR135297	0.894737
c1057	17	1.5	19	6	AR135298	0.894737
c1058	17	1.5	19	6	AR135302	0.894737
c1059	17	1.5	19	6	AR135304	0.894737
c1060	17	1.5	19	6	AR135305	0.894737
c1061	17	1.5	19	6	AR135315	0.894737
c1062	17	1.5	19	6	AR141898	0.894737
c1063	17	1.5	19	6	AR153863	0.894737
c1064	17	1.5	19	6	AR164173	0.894737
c1065	17	1.5	19	6	AR205798	0.894737
c1066	17	1.5	19	6	AR205799	0.894737
c1067	17	1.5	19	6	AR205800	0.894737
c1068	17	1.5	19	6	AR205801	0.894737
c1069	17	1.5	19	6	AR205809	0.894737
c1070	17	1.5	19	6	AR213490	0.894737
c1071	17	1.5	19	6	AR213491	0.894737
c1072	17	1.5	19	6	AR213492	0.894737
c1073	17	1.5	19	6	AR213493	0.894737
c1074	17	1.5	19	6	AR213494	0.894737
c1075	17	1.5	19	6	AR213495	0.894737
c1076	17	1.5	19	6	AR213496	0.894737
c1077	17	1.5	19	6	AR213497	0.894737
c1078	17	1.5	19	6	AR213501	0.894737
c1079	17	1.5	19	6	AR213502	0.894737
c1080	17	1.5	19	6	AR213503	0.894737
c1081	17	1.5	19	6	AR213512	0.894737
1082	17	1.5	19	6	AR222465	0.894737
c1083	17	1.5	19	6	AR237463	0.894737
c1084	17	1.5	19	6	AX349249	0.894737
c1085	17	1.5	19	6	BD087505	0.894737
c4211	15.2	1.4	17	6	AR183909	0.894118
c17733	13.4	1.2	15	6	AR056160	0.893333

17734	13.4	1.2	15	6	AR084518	0.893333
c17735	13.4	1.2	15	6	AR113918	0.893333
c17736	13.4	1.2	15	6	AR241876	0.893333
c17737	13.4	1.2	15	6	AX633203	0.893333
2569	16	1.5	18	6	A14689	0.888889
c2570	16	1.5	18	6	AR208425	0.888889
c2571	16	1.5	18	6	AR208426	0.888889
c2572	16	1.5	18	6	AX085251	0.888889
c2573	16	1.5	18	6	AX085252	0.888889
c2574	16	1.5	18	6	AX361600	0.888889
c2575	16	1.5	18	6	E32450	0.888889
c2576	16	1.5	18	6	E32453	0.888889
c2577	16	1.5	18	6	E32459	0.888889
c43915	12.4	1.1	14	6	A52266	0.885714
c43916	12.4	1.1	14	6	A97593	0.885714
c43917	12.4	1.1	14	6	AR168510	0.885714
c43918	12.4	1.1	14	6	AR174023	0.885714
c43919	12.4	1.1	14	6	AR174024	0.885714
c43920	12.4	1.1	14	6	AR174031	0.885714
c43921	12.4	1.1	14	6	AR174032	0.885714
43922	12.4	1.1	14	6	AR242022	0.885714
c43923	12.4	1.1	14	6	AX048302	0.885714
c43924	12.4	1.1	14	6	BD073881	0.885714
c43925	12.4	1.1	14	6	BD073882	0.885714
c43926	12.4	1.1	14	6	BD073890	0.885714
c43927	12.4	1.1	14	6	BD073891	0.885714
43928	12.4	1.1	14	6	BD176799	0.885714
c43929	12.4	1.1	14	6	BD176800	0.885714
c43930	12.4	1.1	14	6	E13666	0.885714
c43931	12.4	1.1	14	6	E13671	0.885714
c4849	15	1.4	17	6	AR187061	0.882353
c4850	15	1.4	17	6	AR187064	0.882353
c4851	15	1.4	17	6	AR241830	0.882353
c4852	15	1.4	17	6	AR256849	0.882353
c4853	15	1.4	17	6	AR266626	0.882353
c4854	15	1.4	17	6	BD011731	0.882353
c4855	15	1.4	17	6	BD011732	0.882353
c4856	15	1.4	17	6	BD091743	0.882353
c4857	15	1.4	17	6	BD091744	0.882353
c4858	15	1.4	17	6	BD091751	0.882353
c4859	15	1.4	17	6	BD091752	0.882353
c4860	15	1.4	17	6	BD091774	0.882353
c4861	15	1.4	17	6	BD091775	0.882353
c4862	15	1.4	17	6	BD097335	0.882353
c4863	15	1.4	17	6	BD097336	0.882353
c4864	15	1.4	17	6	BD142809	0.882353
c4865	15	1.4	17	6	BD142810	0.882353
c4866	15	1.4	17	6	BD143835	0.882353
c4867	15	1.4	17	6	BD143836	0.882353
c4868	15	1.4	17	6	BD167836	0.882353
c4869	15	1.4	17	6	BD167837	0.882353
c4870	15	1.4	17	6	BD167908	0.882353
c4871	15	1.4	17	6	BD167909	0.882353
c4872	15	1.4	17	6	BD168112	0.882353
c4873	15	1.4	17	6	BD168113	0.882353
c4874	15	1.4	17	6	BD171178	0.882353
c4875	15	1.4	17	6	BD171179	0.882353
c4876	15	1.4	17	6	E34259	0.882353
c4877	15	1.4	17	6	E34260	0.882353
c4878	15	1.4	17	6	E59657	0.882353

c10537	14	1.3	16	6	AR002257	0.875
c10538	14	1.3	16	6	AR045207	0.875
c10539	14	1.3	16	6	AR051238	0.875
10540	14	1.3	16	6	AX359760	0.875
c10541	14	1.3	16	6	I16032	0.875
c10542	14	1.3	16	6	I28367	0.875
c52503	12.2	1.1	14	6	A52267	0.871429
c52504	12.2	1.1	14	6	A52268	0.871429
c52505	12.2	1.1	14	6	AR064009	0.871429
c52506	12.2	1.1	14	6	AR140641	0.871429
c52507	12.2	1.1	14	6	AR183908	0.871429
c52508	12.2	1.1	14	6	AR195060	0.871429
c52509	12.2	1.1	14	6	AR212269	0.871429
c52510	12.2	1.1	14	6	BD057045	0.871429
c52511	12.2	1.1	14	6	BD140675	0.871429
c52512	12.2	1.1	14	6	E13664	0.871429
c52513	12.2	1.1	14	6	E13667	0.871429
c52514	12.2	1.1	14	6	E13669	0.871429
c52515	12.2	1.1	14	6	E13672	0.871429
c 712	17.4	1.6	20	6	AX078001	0.87
c25459	13	1.2	15	6	AR033652	0.866667
c25460	13	1.2	15	6	AR056155	0.866667
c25461	13	1.2	15	6	AR113474	0.866667
c25462	13	1.2	15	6	AR113913	0.866667
c25463	13	1.2	15	6	AX633193	0.866667
c25464	13	1.2	15	6	I57881	0.866667
c 810	17.2	1.6	20	6	E08332	0.86
c 811	17.2	1.6	20	6	E28098	0.86
63792	12	1.1	14	6	A14286	0.857143
c63793	12	1.1	14	6	AR004935	0.857143
63794	12	1.1	14	6	AR051240	0.857143
c63795	12	1.1	14	6	AR067459	0.857143
c63796	12	1.1	14	6	AR127785	0.857143
63797	12	1.1	14	6	AR127787	0.857143
63798	12	1.1	14	6	AR169361	0.857143
c63799	12	1.1	14	6	AR169363	0.857143
c63800	12	1.1	14	6	AR174022	0.857143
c63801	12	1.1	14	6	AR174025	0.857143
c63802	12	1.1	14	6	AR174030	0.857143
c63803	12	1.1	14	6	AR174033	0.857143
c63804	12	1.1	14	6	AX016298	0.857143
c63805	12	1.1	14	6	AX642208	0.857143
c63806	12	1.1	14	6	AX642210	0.857143
c63807	12	1.1	14	6	AX659630	0.857143
c63808	12	1.1	14	6	AX659632	0.857143
c63809	12	1.1	14	6	BD073884	0.857143
c63810	12	1.1	14	6	BD073885	0.857143
c63811	12	1.1	14	6	BD073887	0.857143
c63812	12	1.1	14	6	BD073888	0.857143
63813	12	1.1	14	6	I28369	0.857143
63814	12	1.1	14	6	I30173	0.857143
c3665	15.4	1.4	18	6	E32454	0.855556
c3666	15.4	1.4	18	6	E32455	0.855556
c3667	15.4	1.4	18	6	E32457	0.855556
c3668	15.4	1.4	18	6	E32458	0.855556
c1086	17	1.5	20	6	AR064875	0.85
1087	17	1.5	20	6	AR080000	0.85
1088	17	1.5	20	6	AR085926	0.85
c1089	17	1.5	20	6	AR087520	0.85
1090	17	1.5	20	6	AR093312	0.85

c1091	17	1.5	20	6	AR118970	0.85
1092	17	1.5	20	6	AR121692	0.85
1093	17	1.5	20	6	AR123335	0.85
c1094	17	1.5	20	6	AR139960	0.85
c1095	17	1.5	20	6	AR139962	0.85
c1096	17	1.5	20	6	AR140279	0.85
c1097	17	1.5	20	6	AR140281	0.85
c1098	17	1.5	20	6	AR140557	0.85
c1099	17	1.5	20	6	AR140559	0.85
c1100	17	1.5	20	6	AR141070	0.85
c1101	17	1.5	20	6	AR154115	0.85
1102	17	1.5	20	6	AR164658	0.85
1103	17	1.5	20	6	AR213738	0.85
1104	17	1.5	20	6	AR222466	0.85
c1105	17	1.5	20	6	AR236083	0.85
1106	17	1.5	20	6	AR274394	0.85
c1107	17	1.5	20	6	AX004876	0.85
c1108	17	1.5	20	6	AX045779	0.85
c1109	17	1.5	20	6	AX045787	0.85
c1110	17	1.5	20	6	AX045790	0.85
c1111	17	1.5	20	6	AX104034	0.85
c1112	17	1.5	20	6	AX104364	0.85
1113	17	1.5	20	6	AX104368	0.85
1114	17	1.5	20	6	AX196224	0.85
1115	17	1.5	20	6	AX196239	0.85
1116	17	1.5	20	6	AX354974	0.85
c1117	17	1.5	20	6	AX355810	0.85
c1118	17	1.5	20	6	AX355811	0.85
1119	17	1.5	20	6	AX440125	0.85
1120	17	1.5	20	6	AX440140	0.85
1121	17	1.5	20	6	AX465311	0.85
1122	17	1.5	20	6	AX465326	0.85
c1123	17	1.5	20	6	AX547087	0.85
c1124	17	1.5	20	6	AX547417	0.85
1125	17	1.5	20	6	AX547421	0.85
1126	17	1.5	20	6	AX556124	0.85
1127	17	1.5	20	6	AX556139	0.85
1128	17	1.5	20	6	AX664307	0.85
c1129	17	1.5	20	6	AX664308	0.85
c1130	17	1.5	20	6	AX741040	0.85
1131	17	1.5	20	6	AX741052	0.85
1132	17	1.5	20	6	BD008523	0.85
c1133	17	1.5	20	6	BD080522	0.85
c1134	17	1.5	20	6	BD107450	0.85
c1135	17	1.5	20	6	BD161924	0.85
c1136	17	1.5	20	6	E12676	0.85
c1137	17	1.5	20	6	I36180	0.85
c7564	14.4	1.3	17	6	AX262644	0.847059
c7565	14.4	1.3	17	6	AX262645	0.847059
7566	14.4	1.3	17	6	AX262648	0.847059
c7567	14.4	1.3	17	6	AX262649	0.847059
7568	14.4	1.3	17	6	AX262652	0.847059
c7569	14.4	1.3	17	6	AX262653	0.847059
c7570	14.4	1.3	17	6	AX272819	0.847059
c7571	14.4	1.3	17	6	AX272820	0.847059
c7572	14.4	1.3	17	6	AX692522	0.847059
c7573	14.4	1.3	17	6	AX692528	0.847059
c7574	14.4	1.3	17	6	AX724544	0.847059
7575	14.4	1.3	17	6	AX739654	0.847059
c1801	16.8	1.5	20	6	AX067205	0.84

1802	16.8	1.5	20	6	AX298809	0.84
c1803	16.8	1.5	20	6	AX298836	0.84
1804	16.8	1.5	20	6	BD138323	0.84
c17738	13.4	1.2	16	6	AR141562	0.8375
340	18.4	1.7	22	6	BD085544	0.836364
c4879	15	1.4	18	6	E32451	0.833333
c4880	15	1.4	18	6	E32452	0.833333
c4881	15	1.4	18	6	E32460	0.833333
c4882	15	1.4	18	6	E32461	0.833333
c2867	15.8	1.4	19	6	BD178777	0.831579
c2868	15.8	1.4	19	11	DOGELNA	0.831579
c 713	17.4	1.6	21	6	AX145816	0.828571
c43932	12.4	1.1	15	6	A88036	0.826667
43933	12.4	1.1	15	6	A88206	0.826667
c43934	12.4	1.1	15	6	A90003	0.826667
43935	12.4	1.1	15	6	A90173	0.826667
c43936	12.4	1.1	15	6	AR002256	0.826667
c43937	12.4	1.1	15	6	AR045206	0.826667
c43938	12.4	1.1	15	6	AR051237	0.826667
c43939	12.4	1.1	15	6	AR056161	0.826667
c43940	12.4	1.1	15	6	AR113919	0.826667
c43941	12.4	1.1	15	6	AR127784	0.826667
43942	12.4	1.1	15	6	AR179973	0.826667
43943	12.4	1.1	15	6	AR180045	0.826667
c43944	12.4	1.1	15	6	AR180555	0.826667
43945	12.4	1.1	15	6	AX139176	0.826667
43946	12.4	1.1	15	6	AX328242	0.826667
c43947	12.4	1.1	15	6	AX633205	0.826667
c43948	12.4	1.1	15	6	AX636174	0.826667
c43949	12.4	1.1	15	6	AX636176	0.826667
43950	12.4	1.1	15	6	BD013460	0.826667
c43951	12.4	1.1	15	6	BD065549	0.826667
43952	12.4	1.1	15	6	BD065719	0.826667
c43953	12.4	1.1	15	6	BD182236	0.826667
c43954	12.4	1.1	15	6	I16031	0.826667
43955	12.4	1.1	15	6	I24585	0.826667
c43956	12.4	1.1	15	6	I28366	0.826667
c43957	12.4	1.1	15	6	I61705	0.826667
c43958	12.4	1.1	15	6	I61706	0.826667
c10543	14	1.3	17	6	AR187060	0.823529
c10544	14	1.3	17	6	AR187065	0.823529
5736	14.8	1.3	18	6	AR295667	0.822222
2115	16.4	1.5	20	6	E59328	0.82
c 812	17.2	1.6	21	6	E08333	0.819048
c25465	13	1.2	16	6	AR305465	0.8125
c25466	13	1.2	16	6	AR309569	0.8125
c25467	13	1.2	16	6	BD106376	0.8125
12513	13.8	1.3	17	6	A32738	0.811765
12514	13.8	1.3	17	6	A32740	0.811765
12515	13.8	1.3	17	6	AR158489	0.811765
c12516	13.8	1.3	17	6	AR187066	0.811765
c12517	13.8	1.3	17	6	AR192330	0.811765
c12518	13.8	1.3	17	6	AR192331	0.811765
12519	13.8	1.3	17	6	AR195682	0.811765
c12520	13.8	1.3	17	6	AR286187	0.811765
c12521	13.8	1.3	17	6	AX213186	0.811765
12522	13.8	1.3	17	6	AX217042	0.811765
c12523	13.8	1.3	17	6	AX227069	0.811765
12524	13.8	1.3	17	6	AX263592	0.811765
c12525	13.8	1.3	17	6	AX263593	0.811765

c12526	13.8	1.3	17	6	AX272817	0.811765
c12527	13.8	1.3	17	6	AX272818	0.811765
12528	13.8	1.3	17	6	AX690414	0.811765
c12529	13.8	1.3	17	6	AX692529	0.811765
c12530	13.8	1.3	17	6	AX692626	0.811765
c12531	13.8	1.3	17	6	AX725622	0.811765
12532	13.8	1.3	17	6	AX728303	0.811765
12533	13.8	1.3	17	6	AX728451	0.811765
12534	13.8	1.3	17	6	AX733667	0.811765
12535	13.8	1.3	17	6	AX734587	0.811765
c12536	13.8	1.3	17	6	AX735086	0.811765
c12537	13.8	1.3	17	6	AX735420	0.811765
12538	13.8	1.3	17	6	I84288	0.811765
12539	13.8	1.3	17	6	I84338	0.811765
c1138	17	1.5	21	6	AR080294	0.809524
1139	17	1.5	21	6	AR084521	0.809524
c1140	17	1.5	21	6	AR084524	0.809524
c1141	17	1.5	21	6	AR093143	0.809524
c1142	17	1.5	21	6	AR095412	0.809524
c1143	17	1.5	21	6	AR118155	0.809524
1144	17	1.5	21	6	AR153849	0.809524
c1145	17	1.5	21	6	AX104720	0.809524
c1146	17	1.5	21	6	AX355812	0.809524
c1147	17	1.5	21	6	AX547773	0.809524
c1148	17	1.5	21	6	BD080832	0.809524
1149	17	1.5	21	6	BD087491	0.809524
1150	17	1.5	21	6	I36166	0.809524
c1151	17	1.5	21	6	I65744	0.809524
c1152	17	1.5	21	6	I84433	0.809524
c 491	17.8	1.6	22	6	AX457060	0.809091
113	20.2	1.8	25	6	AX116120	0.808
c2578	16	1.5	20	6	AX048446	0.8
2579	16	1.5	20	6	AX394603	0.8
c63815	12	1.1	15	6	AR033651	0.8
c63816	12	1.1	15	6	AR033653	0.8
c63817	12	1.1	15	6	AR056154	0.8
c63818	12	1.1	15	6	AR113473	0.8
c63819	12	1.1	15	6	AR113475	0.8
c63820	12	1.1	15	6	AR113912	0.8
63821	12	1.1	15	6	AR300202	0.8
c63822	12	1.1	15	6	AX190915	0.8
63823	12	1.1	15	6	AX190916	0.8
c63824	12	1.1	15	6	AX633191	0.8
63825	12	1.1	15	6	AX636155	0.8
63826	12	1.1	15	6	BD103922	0.8
c63827	12	1.1	15	6	I25868	0.8
c63828	12	1.1	15	6	I57880	0.8
c63829	12	1.1	15	6	I57882	0.8
63830	12	1.1	15	6	I61796	0.8
249	19	1.7	24	6	AR261539	0.791667
c2869	15.8	1.4	20	6	A51174	0.79
c2870	15.8	1.4	20	6	A76999	0.79
c2871	15.8	1.4	20	6	E14022	0.79
17739	13.4	1.2	17	6	AR158487	0.788235
17740	13.4	1.2	17	6	AR158488	0.788235
c17741	13.4	1.2	17	6	AR286463	0.788235
c17742	13.4	1.2	17	6	AX215854	0.788235
c17743	13.4	1.2	17	6	AX216258	0.788235
c17744	13.4	1.2	17	6	AX266319	0.788235
17745	13.4	1.2	17	6	AX266320	0.788235

c17746	13.4	1.2	17	6	AX266323	0.788235
17747	13.4	1.2	17	6	AX266324	0.788235
c17748	13.4	1.2	17	6	AX266327	0.788235
17749	13.4	1.2	17	6	AX266328	0.788235
17750	13.4	1.2	17	6	AX272798	0.788235
c17751	13.4	1.2	17	6	AX272821	0.788235
17752	13.4	1.2	17	6	AX273041	0.788235
c17753	13.4	1.2	17	6	AX325973	0.788235
17754	13.4	1.2	17	6	AX325974	0.788235
c17755	13.4	1.2	17	6	AX422737	0.788235
17756	13.4	1.2	17	6	AX423737	0.788235
c17757	13.4	1.2	17	6	AX423746	0.788235
c17758	13.4	1.2	17	6	AX423747	0.788235
17759	13.4	1.2	17	6	AX690412	0.788235
17760	13.4	1.2	17	6	AX690413	0.788235
c17761	13.4	1.2	17	6	AX692521	0.788235
c17762	13.4	1.2	17	6	AX725456	0.788235
17763	13.4	1.2	17	6	AX727570	0.788235
17764	13.4	1.2	17	6	AX728333	0.788235
c17765	13.4	1.2	17	6	AX728754	0.788235
c17766	13.4	1.2	17	6	AX732929	0.788235
17767	13.4	1.2	17	6	AX735531	0.788235
c17768	13.4	1.2	17	6	AX737496	0.788235
c17769	13.4	1.2	17	6	AX738493	0.788235
17770	13.4	1.2	17	6	AX738657	0.788235
c 813	17.2	1.6	22	6	AX583623	0.781818
c5737	14.8	1.3	19	6	AX411930	0.778947
c5738	14.8	1.3	19	6	AX451382	0.778947
10545	14	1.3	18	6	AX352815	0.777778
10546	14	1.3	18	6	AX352837	0.777778
10547	14	1.3	18	6	AX362660	0.777778
10548	14	1.3	18	6	AX362682	0.777778
10549	14	1.3	18	6	BD078665	0.777778
10550	14	1.3	18	6	E04839	0.777778
43959	12.4	1.1	16	6	A66854	0.775
c43960	12.4	1.1	16	6	AR080880	0.775
c43961	12.4	1.1	16	6	AR211607	0.775
c43962	12.4	1.1	16	6	AX004451	0.775
c43963	12.4	1.1	16	6	AX328360	0.775
43964	12.4	1.1	16	6	I72447	0.775
c1153	17	1.5	22	6	AR164318	0.772727
c1154	17	1.5	22	6	AR164319	0.772727
1155	17	1.5	22	6	AR164336	0.772727
c1156	17	1.5	22	6	I31810	0.772727
c1157	17	1.5	22	6	I31811	0.772727
1158	17	1.5	22	6	I31828	0.772727
c1159	17	1.5	22	6	I69407	0.772727
c1160	17	1.5	22	6	I69408	0.772727
1161	17	1.5	22	6	I69425	0.772727
c2296	16.2	1.5	21	6	AX598398	0.771429
c3669	15.4	1.4	20	6	AR211367	0.77
c3670	15.4	1.4	20	6	AX048435	0.77
c3671	15.4	1.4	20	6	AX136903	0.77
3672	15.4	1.4	20	6	AX361132	0.77
3673	15.4	1.4	20	6	BD144749	0.77
12540	13.8	1.3	18	6	A70800	0.766667
12541	13.8	1.3	18	6	A79284	0.766667
c12542	13.8	1.3	18	6	AR073071	0.766667
12543	13.8	1.3	18	6	AR195017	0.766667
c12544	13.8	1.3	18	6	AR231295	0.766667

c12545	13.8	1.3	18	6	AR231296	0.766667
12546	13.8	1.3	18	6	AX135661	0.766667
12547	13.8	1.3	18	6	AX326900	0.766667
12548	13.8	1.3	18	6	BD003514	0.766667
c25468	13	1.2	17	6	AR186689	0.764706
c25469	13	1.2	17	6	AR186690	0.764706
c25470	13	1.2	17	6	AR186691	0.764706
c25471	13	1.2	17	6	AR186692	0.764706
c25472	13	1.2	17	6	AR187059	0.764706
25473	13	1.2	17	6	AR190574	0.764706
25474	13	1.2	17	6	AX673783	0.764706
c25475	13	1.2	17	6	AX725484	0.764706
c25476	13	1.2	17	6	AX729701	0.764706
25477	13	1.2	17	6	AX730392	0.764706
c25478	13	1.2	17	6	AX735269	0.764706
25479	13	1.2	17	6	AX738128	0.764706
c2580	16	1.5	21	6	AR142678	0.761905
2581	16	1.5	21	6	AX394604	0.761905
c2582	16	1.5	21	6	E28097	0.761905
4212	15.2	1.4	20	6	AR142677	0.76
c4213	15.2	1.4	20	6	AX048436	0.76
c4214	15.2	1.4	20	6	AX048441	0.76
4215	15.2	1.4	20	6	AX297481	0.76
c4216	15.2	1.4	20	6	AX697379	0.76
c4217	15.2	1.4	20	6	BD090169	0.76
c4218	15.2	1.4	20	6	BD141108	0.76
c4219	15.2	1.4	20	6	BD176247	0.76
4220	15.2	1.4	20	6	E28096	0.76
7576	14.4	1.3	19	12	AB069576	0.757895
c14931	13.6	1.2	18	6	BD096968	0.755556
c30460	12.8	1.2	17	6	AR047010	0.752941
c30461	12.8	1.2	17	6	AR047012	0.752941
c30462	12.8	1.2	17	6	AR047356	0.752941
c30463	12.8	1.2	17	6	AR047640	0.752941
c30464	12.8	1.2	17	6	AR145688	0.752941
30465	12.8	1.2	17	6	AR158490	0.752941
c30466	12.8	1.2	17	6	AR174512	0.752941
c30467	12.8	1.2	17	6	AR186700	0.752941
c30468	12.8	1.2	17	6	AR186701	0.752941
c30469	12.8	1.2	17	6	AR187067	0.752941
30470	12.8	1.2	17	6	AR187334	0.752941
c30471	12.8	1.2	17	6	AR188263	0.752941
c30472	12.8	1.2	17	6	AR192332	0.752941
30473	12.8	1.2	17	6	AR195684	0.752941
30474	12.8	1.2	17	6	AR196398	0.752941
c30475	12.8	1.2	17	6	AR286037	0.752941
c30476	12.8	1.2	17	6	AR286186	0.752941
c30477	12.8	1.2	17	6	AR286485	0.752941
30478	12.8	1.2	17	6	AR302507	0.752941
c30479	12.8	1.2	17	6	AX215728	0.752941
c30480	12.8	1.2	17	6	AX215982	0.752941
30481	12.8	1.2	17	6	AX216449	0.752941
c30482	12.8	1.2	17	6	AX216498	0.752941
30483	12.8	1.2	17	6	AX217041	0.752941
30484	12.8	1.2	17	6	AX218151	0.752941
c30485	12.8	1.2	17	6	AX227068	0.752941
30486	12.8	1.2	17	6	AX227099	0.752941
c30487	12.8	1.2	17	6	AX227721	0.752941
c30488	12.8	1.2	17	6	AX263208	0.752941
30489	12.8	1.2	17	6	AX263209	0.752941

30490	12.8	1.2	17	6	AX325617	0.752941
c30491	12.8	1.2	17	6	AX325618	0.752941
c30492	12.8	1.2	17	6	AX325857	0.752941
30493	12.8	1.2	17	6	AX325858	0.752941
c30494	12.8	1.2	17	6	AX393417	0.752941
c30495	12.8	1.2	17	6	AX422880	0.752941
c30496	12.8	1.2	17	6	AX423277	0.752941
30497	12.8	1.2	17	6	AX423449	0.752941
c30498	12.8	1.2	17	6	AX475018	0.752941
c30499	12.8	1.2	17	6	AX475019	0.752941
c30500	12.8	1.2	17	6	AX475230	0.752941
c30501	12.8	1.2	17	6	AX475231	0.752941
c30502	12.8	1.2	17	6	AX475751	0.752941
c30503	12.8	1.2	17	6	AX475752	0.752941
c30504	12.8	1.2	17	6	AX532161	0.752941
c30505	12.8	1.2	17	6	AX532162	0.752941
c30506	12.8	1.2	17	6	AX579256	0.752941
c30507	12.8	1.2	17	6	AX579257	0.752941
c30508	12.8	1.2	17	6	AX579750	0.752941
c30509	12.8	1.2	17	6	AX579976	0.752941
c30510	12.8	1.2	17	6	AX580303	0.752941
c30511	12.8	1.2	17	6	AX598442	0.752941
30512	12.8	1.2	17	6	AX673435	0.752941
30513	12.8	1.2	17	6	AX673993	0.752941
30514	12.8	1.2	17	6	AX674643	0.752941
c30515	12.8	1.2	17	6	AX688715	0.752941
c30516	12.8	1.2	17	6	AX688716	0.752941
30517	12.8	1.2	17	6	AX690415	0.752941
c30518	12.8	1.2	17	6	AX692530	0.752941
c30519	12.8	1.2	17	6	AX692625	0.752941
c30520	12.8	1.2	17	6	AX692627	0.752941
30521	12.8	1.2	17	6	AX723129	0.752941
c30522	12.8	1.2	17	6	AX724408	0.752941
c30523	12.8	1.2	17	6	AX725511	0.752941
30524	12.8	1.2	17	6	AX726056	0.752941
c30525	12.8	1.2	17	6	AX726870	0.752941
c30526	12.8	1.2	17	6	AX727384	0.752941
30527	12.8	1.2	17	6	AX728036	0.752941
30528	12.8	1.2	17	6	AX728701	0.752941
30529	12.8	1.2	17	6	AX729203	0.752941
30530	12.8	1.2	17	6	AX729611	0.752941
30531	12.8	1.2	17	6	AX731164	0.752941
c30532	12.8	1.2	17	6	AX731454	0.752941
c30533	12.8	1.2	17	6	AX732501	0.752941
30534	12.8	1.2	17	6	AX732751	0.752941
c30535	12.8	1.2	17	6	AX733377	0.752941
c30536	12.8	1.2	17	6	AX734906	0.752941
30537	12.8	1.2	17	6	AX737376	0.752941
c30538	12.8	1.2	17	6	AX737933	0.752941
30539	12.8	1.2	17	6	AX738691	0.752941
30540	12.8	1.2	17	6	AX738803	0.752941
30541	12.8	1.2	17	6	AX739583	0.752941
30542	12.8	1.2	17	6	AX739593	0.752941
c30543	12.8	1.2	17	6	BD067417	0.752941
c30544	12.8	1.2	17	6	BD097043	0.752941
30545	12.8	1.2	17	6	I28003	0.752941
c30546	12.8	1.2	17	6	I54062	0.752941
c30547	12.8	1.2	17	6	I54064	0.752941
c30548	12.8	1.2	17	6	I54408	0.752941
c30549	12.8	1.2	17	6	I54692	0.752941

30550	12.8	1.2	17		6	I62755	0.752941
c2872	15.8	1.4	21		6	AR029927	0.752381
c4883	15	1.4	20		6	AR086111	0.75
c4884	15	1.4	20		6	AR283490	0.75
c4885	15	1.4	20		6	AR309844	0.75
c4886	15	1.4	20		6	AX048431	0.75
c4887	15	1.4	20		6	AX048432	0.75
c4888	15	1.4	20		6	AX048433	0.75
c4889	15	1.4	20		6	AX048434	0.75
c4890	15	1.4	20		6	AX048437	0.75
c4891	15	1.4	20		6	AX048440	0.75
c4892	15	1.4	20		6	AX048442	0.75
c4893	15	1.4	20		6	AX048443	0.75
c4894	15	1.4	20		6	AX048444	0.75
c4895	15	1.4	20		6	AX048445	0.75
c4896	15	1.4	20		6	AX296887	0.75
c4897	15	1.4	20		6	AX404077	0.75
4898	15	1.4	20		6	AX498246	0.75
c4899	15	1.4	20		6	BD143136	0.75
c4900	15	1.4	20		6	E13189	0.75
c63831	12	1.1	16		6	AR008570	0.75
c63832	12	1.1	16		6	AR221992	0.75
c63833	12	1.1	16		6	AR242883	0.75
c63834	12	1.1	16		6	AR266619	0.75
c63835	12	1.1	16		6	AR266647	0.75
c63836	12	1.1	16		6	AX003112	0.75
c63837	12	1.1	16		6	AX127438	0.75
c63838	12	1.1	16		6	AX146677	0.75
c63839	12	1.1	16		6	AX253411	0.75
63840	12	1.1	16		6	AX282036	0.75
c63841	12	1.1	16		6	AX384935	0.75
c63842	12	1.1	16		6	AX391465	0.75
c63843	12	1.1	16		6	AX394752	0.75
c63844	12	1.1	16		6	AX394783	0.75
63845	12	1.1	16		6	AX494458	0.75
c63846	12	1.1	16		6	BD073878	0.75
63847	12	1.1	16		6	I47692	0.75
c8845	14.2	1.3	19		6	A39625	0.747368
c8846	14.2	1.3	19		6	AR297698	0.747368
8847	14.2	1.3	19		6	AX058959	0.747368
17771	13.4	1.2	18		6	AR073062	0.744444
c17772	13.4	1.2	18		6	AR142758	0.744444
c17773	13.4	1.2	18		6	AX026528	0.744444
c17774	13.4	1.2	18		6	AX060733	0.744444
c17775	13.4	1.2	18		6	AX060912	0.744444
17776	13.4	1.2	18		6	AX352849	0.744444
17777	13.4	1.2	18		6	AX362694	0.744444
c17778	13.4	1.2	18		6	E35255	0.744444
c17779	13.4	1.2	18		6	I73187	0.744444
c 292	18.6	1.7	25		6	AX043103	0.744
5739	14.8	1.3	20		6	AR061750	0.74
5740	14.8	1.3	20		6	AR061991	0.74
5741	14.8	1.3	20		6	AR084388	0.74
5742	14.8	1.3	20		6	AR206225	0.74
c5743	14.8	1.3	20		6	AR234690	0.74
c5744	14.8	1.3	20		6	AR234692	0.74
c5745	14.8	1.3	20		6	AX074216	0.74
5746	14.8	1.3	20		6	E03602	0.74
c1162	17	1.5	23		6	AR084981	0.73913
c1163	17	1.5	23		6	AR306617	0.73913

1164	17	1.5	23	6	AX394607	0.73913
c1165	17	1.5	23	6	BD105197	0.73913
c1166	17	1.5	23	6	BD133515	0.73913
c1167	17	1.5	23	6	E12391	0.73913
c1168	17	1.5	23	6	I32906	0.73913
c1169	17	1.5	23	6	I79497	0.73913
10551	14	1.3	19	11	HUM431U'	0.736842
2297	16.2	1.5	22	6	AX092787	0.736364
341	18.4	1.7	25	6	AX117632	0.736
571	17.6	1.6	24	6	AR010037	0.733333
572	17.6	1.6	24	6	AR034772	0.733333
573	17.6	1.6	24	6	AR068465	0.733333
574	17.6	1.6	24	6	AR105984	0.733333
575	17.6	1.6	24	6	AR107972	0.733333
576	17.6	1.6	24	6	AR184443	0.733333
577	17.6	1.6	24	6	AR202876	0.733333
578	17.6	1.6	24	6	AR213697	0.733333
579	17.6	1.6	24	6	AR232949	0.733333
c 580	17.6	1.6	24	6	AX104241	0.733333
c 581	17.6	1.6	24	6	AX104769	0.733333
582	17.6	1.6	24	6	AX104770	0.733333
583	17.6	1.6	24	6	AX354553	0.733333
c 584	17.6	1.6	24	6	AX355813	0.733333
c 585	17.6	1.6	24	6	AX427163	0.733333
586	17.6	1.6	24	6	AX428574	0.733333
c 587	17.6	1.6	24	6	AX547294	0.733333
c 588	17.6	1.6	24	6	AX547822	0.733333
589	17.6	1.6	24	6	AX547823	0.733333
c 590	17.6	1.6	24	6	AX684290	0.733333
591	17.6	1.6	24	6	BD136714	0.733333
592	17.6	1.6	24	6	I24762	0.733333
c3674	15.4	1.4	21	6	AR241831	0.733333
21029	13.2	1.2	18	6	A21030	0.733333
21030	13.2	1.2	18	6	A61054	0.733333
c21031	13.2	1.2	18	6	A67605	0.733333
21032	13.2	1.2	18	6	AR048072	0.733333
c21033	13.2	1.2	18	6	AR073446	0.733333
21034	13.2	1.2	18	6	AR076417	0.733333
c21035	13.2	1.2	18	6	AR089743	0.733333
c21036	13.2	1.2	18	6	AR098774	0.733333
21037	13.2	1.2	18	6	AR108975	0.733333
c21038	13.2	1.2	18	6	AR188969	0.733333
c21039	13.2	1.2	18	6	AR192879	0.733333
c21040	13.2	1.2	18	6	AR214353	0.733333
21041	13.2	1.2	18	6	AR215583	0.733333
c21042	13.2	1.2	18	6	AR282287	0.733333
c21043	13.2	1.2	18	6	AR293326	0.733333
21044	13.2	1.2	18	6	AX114488	0.733333
c21045	13.2	1.2	18	6	AX175025	0.733333
21046	13.2	1.2	18	6	AX175026	0.733333
c21047	13.2	1.2	18	6	AX320839	0.733333
21048	13.2	1.2	18	6	AX391658	0.733333
21049	13.2	1.2	18	6	AX391807	0.733333
c21050	13.2	1.2	18	6	AX398509	0.733333
21051	13.2	1.2	18	6	AX453815	0.733333
21052	13.2	1.2	18	6	AX535773	0.733333
21053	13.2	1.2	18	6	BD000050	0.733333
21054	13.2	1.2	18	6	BD089937	0.733333
21055	13.2	1.2	18	6	BD133661	0.733333
21056	13.2	1.2	18	6	BD135739	0.733333

21057	13.2	1.2	18	6	BD161005	0.733333
21058	13.2	1.2	18	6	BD167500	0.733333
c21059	13.2	1.2	18	6	BD175062	0.733333
21060	13.2	1.2	18	6	BD176983	0.733333
c21061	13.2	1.2	18	6	BD177278	0.733333
21062	13.2	1.2	18	6	BD182181	0.733333
21063	13.2	1.2	18	6	I29841	0.733333
c21064	13.2	1.2	18	6	I78713	0.733333
1805	16.8	1.5	23	6	AR123791	0.730435
c1806	16.8	1.5	23	6	AX457061	0.730435
c43965	12.4	1.1	17	6	A66883	0.729412
43966	12.4	1.1	17	6	A88310	0.729412
43967	12.4	1.1	17	6	A90277	0.729412
c43968	12.4	1.1	17	6	AR046886	0.729412
c43969	12.4	1.1	17	6	AR047006	0.729412
c43970	12.4	1.1	17	6	AR047008	0.729412
c43971	12.4	1.1	17	6	AR047352	0.729412
c43972	12.4	1.1	17	6	AR047354	0.729412
43973	12.4	1.1	17	6	AR158486	0.729412
c43974	12.4	1.1	17	6	AR188875	0.729412
43975	12.4	1.1	17	6	AR286005	0.729412
c43976	12.4	1.1	17	6	AR286096	0.729412
c43977	12.4	1.1	17	6	AR286131	0.729412
c43978	12.4	1.1	17	6	AR286254	0.729412
c43979	12.4	1.1	17	6	AR286256	0.729412
c43980	12.4	1.1	17	6	AR286295	0.729412
c43981	12.4	1.1	17	6	AR286303	0.729412
c43982	12.4	1.1	17	6	AX214978	0.729412
43983	12.4	1.1	17	6	AX217040	0.729412
43984	12.4	1.1	17	6	AX227100	0.729412
43985	12.4	1.1	17	6	AX227101	0.729412
43986	12.4	1.1	17	6	AX264827	0.729412
c43987	12.4	1.1	17	6	AX264828	0.729412
43988	12.4	1.1	17	6	AX272797	0.729412
43989	12.4	1.1	17	6	AX272799	0.729412
43990	12.4	1.1	17	6	AX325421	0.729412
c43991	12.4	1.1	17	6	AX325422	0.729412
43992	12.4	1.1	17	6	AX421865	0.729412
c43993	12.4	1.1	17	6	AX422029	0.729412
c43994	12.4	1.1	17	6	AX422034	0.729412
c43995	12.4	1.1	17	6	AX422035	0.729412
c43996	12.4	1.1	17	6	AX422742	0.729412
43997	12.4	1.1	17	6	AX422919	0.729412
c43998	12.4	1.1	17	6	AX423395	0.729412
43999	12.4	1.1	17	6	AX423738	0.729412
c44000	12.4	1.1	17	6	AX544600	0.729412
c44001	12.4	1.1	17	6	AX544601	0.729412
c44002	12.4	1.1	17	6	AX544602	0.729412
c44003	12.4	1.1	17	6	AX544603	0.729412
44004	12.4	1.1	17	6	AX578257	0.729412
44005	12.4	1.1	17	6	AX578258	0.729412
44006	12.4	1.1	17	6	AX578799	0.729412
44007	12.4	1.1	17	6	AX579614	0.729412
c44008	12.4	1.1	17	6	AX615933	0.729412
c44009	12.4	1.1	17	6	AX615934	0.729412
c44010	12.4	1.1	17	6	AX615935	0.729412
c44011	12.4	1.1	17	6	AX615936	0.729412
c44012	12.4	1.1	17	6	AX673014	0.729412
44013	12.4	1.1	17	6	AX674138	0.729412
44014	12.4	1.1	17	6	AX674343	0.729412

c44015	12.4	1.1	17	6	AX674378	0.729412
c44016	12.4	1.1	17	6	AX674521	0.729412
c44017	12.4	1.1	17	6	AX676082	0.729412
c44018	12.4	1.1	17	6	AX680114	0.729412
c44019	12.4	1.1	17	6	AX688713	0.729412
c44020	12.4	1.1	17	6	AX688714	0.729412
44021	12.4	1.1	17	6	AX690411	0.729412
c44022	12.4	1.1	17	6	AX692520	0.729412
c44023	12.4	1.1	17	6	AX698034	0.729412
c44024	12.4	1.1	17	6	AX722768	0.729412
c44025	12.4	1.1	17	6	AX724368	0.729412
c44026	12.4	1.1	17	6	AX725548	0.729412
44027	12.4	1.1	17	6	AX727501	0.729412
44028	12.4	1.1	17	6	AX727518	0.729412
44029	12.4	1.1	17	6	AX728076	0.729412
44030	12.4	1.1	17	6	AX728418	0.729412
c44031	12.4	1.1	17	6	AX729407	0.729412
c44032	12.4	1.1	17	6	AX729977	0.729412
c44033	12.4	1.1	17	6	AX730099	0.729412
c44034	12.4	1.1	17	6	AX730565	0.729412
c44035	12.4	1.1	17	6	AX731236	0.729412
44036	12.4	1.1	17	6	AX731804	0.729412
c44037	12.4	1.1	17	6	AX733988	0.729412
c44038	12.4	1.1	17	6	AX734982	0.729412
c44039	12.4	1.1	17	6	AX735372	0.729412
c44040	12.4	1.1	17	6	AX735382	0.729412
c44041	12.4	1.1	17	6	AX736065	0.729412
c44042	12.4	1.1	17	6	AX736910	0.729412
44043	12.4	1.1	17	6	AX737250	0.729412
c44044	12.4	1.1	17	6	AX738868	0.729412
44045	12.4	1.1	17	6	AX745126	0.729412
44046	12.4	1.1	17	6	AX745127	0.729412
44047	12.4	1.1	17	6	AX745128	0.729412
44048	12.4	1.1	17	6	AX745129	0.729412
44049	12.4	1.1	17	6	BD065823	0.729412
c44050	12.4	1.1	17	6	BD067575	0.729412
44051	12.4	1.1	17	6	E43910	0.729412
44052	12.4	1.1	17	6	I27899	0.729412
c44053	12.4	1.1	17	6	I28033	0.729412
c44054	12.4	1.1	17	6	I28133	0.729412
c44055	12.4	1.1	17	6	I46492	0.729412
c44056	12.4	1.1	17	6	I53938	0.729412
c44057	12.4	1.1	17	6	I54058	0.729412
c44058	12.4	1.1	17	6	I54060	0.729412
c44059	12.4	1.1	17	6	I54404	0.729412
c44060	12.4	1.1	17	6	I54406	0.729412
c 365	18.2	1.7	25	6	AX042923	0.728
c 366	18.2	1.7	25	6	AX042948	0.728
2583	16	1.5	22	6	AX394605	0.727273
12549	13.8	1.3	19	6	AR154250	0.726316
c12550	13.8	1.3	19	6	AR177687	0.726316
12551	13.8	1.3	19	6	AR295468	0.726316
12552	13.8	1.3	19	6	AR298625	0.726316
12553	13.8	1.3	19	6	AX085178	0.726316
12554	13.8	1.3	19	6	AX085375	0.726316
c12555	13.8	1.3	19	6	AX131078	0.726316
c12556	13.8	1.3	19	6	I31296	0.726316
c12557	13.8	1.3	19	12	AB069490	0.726316
714	17.4	1.6	24	6	AX708815	0.725
c4221	15.2	1.4	21	6	AR262475	0.72381

c4222	15.2	1.4	21	6	AR282662	0.72381
c4223	15.2	1.4	21	6	AX356851	0.72381
25480	13	1.2	18	6	AR121114	0.722222
25481	13	1.2	18	6	AR138253	0.722222
25482	13	1.2	18	6	AR177758	0.722222
25483	13	1.2	18	6	AR254046	0.722222
25484	13	1.2	18	6	AR264960	0.722222
c25485	13	1.2	18	6	AX662307	0.722222
c1956	16.6	1.5	23	6	AX052992	0.721739
c1957	16.6	1.5	23	6	AX053000	0.721739
c1958	16.6	1.5	23	6	AX053001	0.721739
c 405	18	1.6	25	6	BD056964	0.72
c7577	14.4	1.3	20	6	AR093063	0.72
c7578	14.4	1.3	20	6	AR136218	0.72
7579	14.4	1.3	20	6	AR221391	0.72
c7580	14.4	1.3	20	6	AR226164	0.72
c7581	14.4	1.3	20	6	AR231312	0.72
c7582	14.4	1.3	20	6	AX048447	0.72
c7583	14.4	1.3	20	6	AX294915	0.72
c7584	14.4	1.3	20	6	AX326985	0.72
c2873	15.8	1.4	22	6	AR154094	0.718182
2874	15.8	1.4	22	6	AR201966	0.718182
2875	15.8	1.4	22	6	AR201969	0.718182
2876	15.8	1.4	22	6	AR218061	0.718182
2877	15.8	1.4	22	6	AR218064	0.718182
2878	15.8	1.4	22	6	AR266705	0.718182
2879	15.8	1.4	22	6	AR266708	0.718182
2880	15.8	1.4	22	6	AR274382	0.718182
2881	15.8	1.4	22	6	AR274385	0.718182
2882	15.8	1.4	22	6	AX196212	0.718182
2883	15.8	1.4	22	6	AX196215	0.718182
2884	15.8	1.4	22	6	AX440113	0.718182
2885	15.8	1.4	22	6	AX440116	0.718182
2886	15.8	1.4	22	6	AX440143	0.718182
2887	15.8	1.4	22	6	AX465299	0.718182
2888	15.8	1.4	22	6	AX465302	0.718182
2889	15.8	1.4	22	6	AX465329	0.718182
2890	15.8	1.4	22	6	AX556112	0.718182
2891	15.8	1.4	22	6	AX556115	0.718182
2892	15.8	1.4	22	6	AX556142	0.718182
c2893	15.8	1.4	22	6	BD130200	0.718182
52516	12.2	1.1	17	6	A20708	0.717647
52517	12.2	1.1	17	6	A21027	0.717647
c52518	12.2	1.1	17	6	A45424	0.717647
52519	12.2	1.1	17	6	A83827	0.717647
52520	12.2	1.1	17	6	A88412	0.717647
52521	12.2	1.1	17	6	A90379	0.717647
52522	12.2	1.1	17	6	A95621	0.717647
c52523	12.2	1.1	17	6	AR011298	0.717647
52524	12.2	1.1	17	6	AR026537	0.717647
c52525	12.2	1.1	17	6	AR040237	0.717647
52526	12.2	1.1	17	6	AR045749	0.717647
c52527	12.2	1.1	17	6	AR047358	0.717647
52528	12.2	1.1	17	6	AR057504	0.717647
c52529	12.2	1.1	17	6	AR061229	0.717647
52530	12.2	1.1	17	6	AR115262	0.717647
52531	12.2	1.1	17	6	AR117832	0.717647
c52532	12.2	1.1	17	6	AR186686	0.717647
c52533	12.2	1.1	17	6	AR186687	0.717647
c52534	12.2	1.1	17	6	AR186688	0.717647

c52535	12.2	1.1	17	6	AR186693	0.717647
c52536	12.2	1.1	17	6	AR186861	0.717647
c52537	12.2	1.1	17	6	AR187058	0.717647
c52538	12.2	1.1	17	6	AR187068	0.717647
52539	12.2	1.1	17	6	AR187367	0.717647
c52540	12.2	1.1	17	6	AR190427	0.717647
52541	12.2	1.1	17	6	AR191750	0.717647
c52542	12.2	1.1	17	6	AR191774	0.717647
52543	12.2	1.1	17	6	AR191924	0.717647
52544	12.2	1.1	17	6	AR192279	0.717647
c52545	12.2	1.1	17	6	AR192287	0.717647
c52546	12.2	1.1	17	6	AR192333	0.717647
c52547	12.2	1.1	17	6	AR192334	0.717647
c52548	12.2	1.1	17	6	AR192335	0.717647
c52549	12.2	1.1	17	6	AR192336	0.717647
52550	12.2	1.1	17	6	AR195711	0.717647
52551	12.2	1.1	17	6	AR196201	0.717647
c52552	12.2	1.1	17	6	AR196416	0.717647
c52553	12.2	1.1	17	6	AR196419	0.717647
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c52555	12.2	1.1	17	6	AR243455	0.717647
c52556	12.2	1.1	17	6	AR285960	0.717647
52557	12.2	1.1	17	6	AR286233	0.717647
52558	12.2	1.1	17	6	AR286312	0.717647
52559	12.2	1.1	17	6	AX008727	0.717647
52560	12.2	1.1	17	6	AX024019	0.717647
c52561	12.2	1.1	17	6	AX099965	0.717647
52562	12.2	1.1	17	6	AX118630	0.717647
c52563	12.2	1.1	17	6	AX139253	0.717647
52564	12.2	1.1	17	6	AX214795	0.717647
c52565	12.2	1.1	17	6	AX215726	0.717647
c52566	12.2	1.1	17	6	AX215727	0.717647
52567	12.2	1.1	17	6	AX216181	0.717647
52568	12.2	1.1	17	6	AX216730	0.717647
c52569	12.2	1.1	17	6	AX217138	0.717647
52570	12.2	1.1	17	6	AX217325	0.717647
52571	12.2	1.1	17	6	AX217431	0.717647
c52572	12.2	1.1	17	6	AX217534	0.717647
52573	12.2	1.1	17	6	AX217808	0.717647
52574	12.2	1.1	17	6	AX218161	0.717647
c52575	12.2	1.1	17	6	AX218185	0.717647
52576	12.2	1.1	17	6	AX218311	0.717647
c52577	12.2	1.1	17	6	AX226725	0.717647
52578	12.2	1.1	17	6	AX227058	0.717647
52579	12.2	1.1	17	6	AX227465	0.717647
52580	12.2	1.1	17	6	AX227750	0.717647
52581	12.2	1.1	17	6	AX227751	0.717647
52582	12.2	1.1	17	6	AX227752	0.717647
52583	12.2	1.1	17	6	AX235089	0.717647
52584	12.2	1.1	17	6	AX265767	0.717647
c52585	12.2	1.1	17	6	AX265768	0.717647
52586	12.2	1.1	17	6	AX272750	0.717647
c52587	12.2	1.1	17	6	AX272822	0.717647
52588	12.2	1.1	17	6	AX273054	0.717647
c52589	12.2	1.1	17	6	AX419955	0.717647
52590	12.2	1.1	17	6	AX421721	0.717647
c52591	12.2	1.1	17	6	AX421996	0.717647
c52592	12.2	1.1	17	6	AX422229	0.717647
52593	12.2	1.1	17	6	AX422669	0.717647
c52594	12.2	1.1	17	6	AX422851	0.717647

52595	12.2	1.1	17	6	AX423214	0.717647
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c52598	12.2	1.1	17	6	AX475016	0.717647
c52599	12.2	1.1	17	6	AX475017	0.717647
c52600	12.2	1.1	17	6	AX475298	0.717647
c52601	12.2	1.1	17	6	AX475753	0.717647
c52602	12.2	1.1	17	6	AX499022	0.717647
52603	12.2	1.1	17	6	AX499185	0.717647
52604	12.2	1.1	17	6	AX499389	0.717647
c52605	12.2	1.1	17	6	AX502888	0.717647
52606	12.2	1.1	17	6	AX502921	0.717647
52607	12.2	1.1	17	6	AX527148	0.717647
c52608	12.2	1.1	17	6	AX531669	0.717647
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52610	12.2	1.1	17	6	AX532288	0.717647
52611	12.2	1.1	17	6	AX532292	0.717647
52612	12.2	1.1	17	6	AX532294	0.717647
52613	12.2	1.1	17	6	AX532534	0.717647
c52614	12.2	1.1	17	6	AX532547	0.717647
52615	12.2	1.1	17	6	AX544580	0.717647
c52616	12.2	1.1	17	6	AX544615	0.717647
52617	12.2	1.1	17	6	AX545193	0.717647
52618	12.2	1.1	17	6	AX579066	0.717647
c52619	12.2	1.1	17	6	AX579255	0.717647
52620	12.2	1.1	17	6	AX579681	0.717647
52621	12.2	1.1	17	6	AX580075	0.717647
52622	12.2	1.1	17	6	AX598313	0.717647
52623	12.2	1.1	17	6	AX615236	0.717647
c52624	12.2	1.1	17	6	AX615341	0.717647
52625	12.2	1.1	17	6	AX615882	0.717647
52626	12.2	1.1	17	6	AX615883	0.717647
c52627	12.2	1.1	17	6	AX615932	0.717647
52628	12.2	1.1	17	6	AX634557	0.717647
c52629	12.2	1.1	17	6	AX648286	0.717647
52630	12.2	1.1	17	6	AX648309	0.717647
52631	12.2	1.1	17	6	AX649087	0.717647
52632	12.2	1.1	17	6	AX649088	0.717647
52633	12.2	1.1	17	6	AX649381	0.717647
52634	12.2	1.1	17	6	AX649524	0.717647
52635	12.2	1.1	17	6	AX649525	0.717647
52636	12.2	1.1	17	6	AX671655	0.717647
c52637	12.2	1.1	17	6	AX672227	0.717647
c52638	12.2	1.1	17	6	AX672791	0.717647
c52639	12.2	1.1	17	6	AX672829	0.717647
c52640	12.2	1.1	17	6	AX672830	0.717647
52641	12.2	1.1	17	6	AX673041	0.717647
52642	12.2	1.1	17	6	AX673338	0.717647
c52643	12.2	1.1	17	6	AX673409	0.717647
c52644	12.2	1.1	17	6	AX673410	0.717647
52645	12.2	1.1	17	6	AX673431	0.717647
c52646	12.2	1.1	17	6	AX673443	0.717647
c52647	12.2	1.1	17	6	AX673484	0.717647
52648	12.2	1.1	17	6	AX676104	0.717647
52649	12.2	1.1	17	6	AX684313	0.717647
c52650	12.2	1.1	17	6	AX687549	0.717647
c52651	12.2	1.1	17	6	AX687550	0.717647
c52652	12.2	1.1	17	6	AX687551	0.717647
c52653	12.2	1.1	17	6	AX688250	0.717647
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52655	12.2	1.1	17	6	AX688647	0.717647
52656	12.2	1.1	17	6	AX688708	0.717647
c52657	12.2	1.1	17	6	AX688791	0.717647
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c52659	12.2	1.1	17	6	AX690366	0.717647
c52660	12.2	1.1	17	6	AX690540	0.717647
c52661	12.2	1.1	17	6	AX690666	0.717647
c52662	12.2	1.1	17	6	AX691830	0.717647
52663	12.2	1.1	17	6	AX691845	0.717647
c52664	12.2	1.1	17	6	AX691980	0.717647
c52665	12.2	1.1	17	6	AX692459	0.717647
52666	12.2	1.1	17	6	AX692531	0.717647
c52667	12.2	1.1	17	6	AX692628	0.717647
c52668	12.2	1.1	17	6	AX692629	0.717647
c52669	12.2	1.1	17	6	AX692693	0.717647
52670	12.2	1.1	17	6	AX693097	0.717647
52671	12.2	1.1	17	6	AX693284	0.717647
52672	12.2	1.1	17	6	AX693373	0.717647
52673	12.2	1.1	17	6	AX693389	0.717647
52674	12.2	1.1	17	6	AX693390	0.717647
52675	12.2	1.1	17	6	AX704885	0.717647
c52676	12.2	1.1	17	6	AX722603	0.717647
52677	12.2	1.1	17	6	AX723100	0.717647
52678	12.2	1.1	17	6	AX723166	0.717647
52679	12.2	1.1	17	6	AX723211	0.717647
c52680	12.2	1.1	17	6	AX723213	0.717647
52681	12.2	1.1	17	6	AX723369	0.717647
52682	12.2	1.1	17	6	AX723562	0.717647
52683	12.2	1.1	17	6	AX723613	0.717647
52684	12.2	1.1	17	6	AX723716	0.717647
52685	12.2	1.1	17	6	AX723973	0.717647
52686	12.2	1.1	17	6	AX724191	0.717647
52687	12.2	1.1	17	6	AX724244	0.717647
52688	12.2	1.1	17	6	AX724469	0.717647
52689	12.2	1.1	17	6	AX724750	0.717647
52690	12.2	1.1	17	6	AX725246	0.717647
c52691	12.2	1.1	17	6	AX725518	0.717647
c52692	12.2	1.1	17	6	AX725987	0.717647
c52693	12.2	1.1	17	6	AX726089	0.717647
52694	12.2	1.1	17	6	AX726325	0.717647
52695	12.2	1.1	17	6	AX726456	0.717647
c52696	12.2	1.1	17	6	AX726608	0.717647
52697	12.2	1.1	17	6	AX726944	0.717647
c52698	12.2	1.1	17	6	AX726977	0.717647
c52699	12.2	1.1	17	6	AX727450	0.717647
52700	12.2	1.1	17	6	AX727688	0.717647
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c52703	12.2	1.1	17	6	AX728186	0.717647
52704	12.2	1.1	17	6	AX728539	0.717647
52705	12.2	1.1	17	6	AX728686	0.717647
52706	12.2	1.1	17	6	AX728714	0.717647
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52708	12.2	1.1	17	6	AX729850	0.717647
c52709	12.2	1.1	17	6	AX729878	0.717647
c52710	12.2	1.1	17	6	AX730062	0.717647
52711	12.2	1.1	17	6	AX731112	0.717647
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c52718	12.2	1.1	17		6	AX733847	0.717647
c52719	12.2	1.1	17		6	AX733861	0.717647
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52721	12.2	1.1	17		6	AX735169	0.717647
52722	12.2	1.1	17		6	AX735297	0.717647
c52723	12.2	1.1	17		6	AX735942	0.717647
52724	12.2	1.1	17		6	AX736992	0.717647
c52725	12.2	1.1	17		6	AX737214	0.717647
52726	12.2	1.1	17		6	AX739235	0.717647
52727	12.2	1.1	17		6	AX739284	0.717647
52728	12.2	1.1	17		6	AX739383	0.717647
52729	12.2	1.1	17		6	AX741036	0.717647
c52730	12.2	1.1	17		6	AX741048	0.717647
c52731	12.2	1.1	17		6	AX745127	0.717647
c52732	12.2	1.1	17		6	BD011185	0.717647
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52734	12.2	1.1	17		6	BD065925	0.717647
52735	12.2	1.1	17		6	BD067453	0.717647
52736	12.2	1.1	17		6	BD067520	0.717647
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52738	12.2	1.1	17		6	BD072779	0.717647
52739	12.2	1.1	17		6	BD091425	0.717647
52740	12.2	1.1	17		6	BD104458	0.717647
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c52742	12.2	1.1	17		6	E36934	0.717647
c52743	12.2	1.1	17		6	I17936	0.717647
52744	12.2	1.1	17		6	I28328	0.717647
52745	12.2	1.1	17		6	I33620	0.717647
52746	12.2	1.1	17		6	I52801	0.717647
c52747	12.2	1.1	17		6	I54410	0.717647
52748	12.2	1.1	17		6	I76402	0.717647
52749	12.2	1.1	17		6	I83822	0.717647
52750	12.2	1.1	17		6	I86150	0.717647
52751	12.2	1.1	17		6	I86244	0.717647
c52752	12.2	1.1	17		6	I96093	0.717647
c 814	17.2	1.6	24		6	AX391871	0.716667
c 293	18.6	1.7	26		6	I79496	0.715385
4901	15	1.4	21		6	AX498247	0.714286
c2116	16.4	1.5	23		6	AX052993	0.713043
c2117	16.4	1.5	23		6	AX053002	0.713043
c 492	17.8	1.6	25		6	AX042945	0.712
c 226	19.2	1.7	27		6	AR241865	0.711111
c30551	12.8	1.2	18		6	A06176	0.711111
c30552	12.8	1.2	18		6	AR008470	0.711111
30553	12.8	1.2	18	☞	6	AR008471	0.711111
c30554	12.8	1.2	18		6	AR009718	0.711111
30555	12.8	1.2	18		6	AR009719	0.711111
c30556	12.8	1.2	18		6	AR028974	0.711111
c30557	12.8	1.2	18		6	AR063241	0.711111
c30558	12.8	1.2	18		6	AR063243	0.711111
30559	12.8	1.2	18		6	AR072555	0.711111
30560	12.8	1.2	18		6	AR076396	0.711111
30561	12.8	1.2	18		6	AR097239	0.711111
c30562	12.8	1.2	18		6	AR100443	0.711111
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c30564	12.8	1.2	18		6	AR100445	0.711111
c30565	12.8	1.2	18		6	AR134259	0.711111

c30566	12.8	1.2	18	6	AR150098	0.711111
c30567	12.8	1.2	18	6	AR150099	0.711111
c30568	12.8	1.2	18	6	AR150100	0.711111
c30569	12.8	1.2	18	6	AR156856	0.711111
c30570	12.8	1.2	18	6	AR175666	0.711111
c30571	12.8	1.2	18	6	AR189013	0.711111
c30572	12.8	1.2	18	6	AR195242	0.711111
c30573	12.8	1.2	18	6	AR199411	0.711111
c30574	12.8	1.2	18	6	AR222324	0.711111
c30575	12.8	1.2	18	6	AR241443	0.711111
30576	12.8	1.2	18	6	AR292851	0.711111
30577	12.8	1.2	18	6	AR295599	0.711111
c30578	12.8	1.2	18	6	AR297492	0.711111
30579	12.8	1.2	18	6	AR299440	0.711111
30580	12.8	1.2	18	6	AX020786	0.711111
c30581	12.8	1.2	18	6	AX098700	0.711111
30582	12.8	1.2	18	6	AX098701	0.711111
c30583	12.8	1.2	18	6	AX111962	0.711111
c30584	12.8	1.2	18	6	AX118606	0.711111
c30585	12.8	1.2	18	6	AX136933	0.711111
30586	12.8	1.2	18	6	AX136934	0.711111
c30587	12.8	1.2	18	6	AX175441	0.711111
c30588	12.8	1.2	18	6	AX370476	0.711111
c30589	12.8	1.2	18	6	AX427085	0.711111
30590	12.8	1.2	18	6	AX705787	0.711111
30591	12.8	1.2	18	6	AX710562	0.711111
c30592	12.8	1.2	18	6	AX718779	0.711111
30593	12.8	1.2	18	6	BD013158	0.711111
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c30598	12.8	1.2	18	6	BD175140	0.711111
30599	12.8	1.2	18	6	I28002	0.711111
30600	12.8	1.2	18	6	I72065	0.711111
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8849	14.2	1.3	20	6	AR121005	0.71
8850	14.2	1.3	20	6	AR139298	0.71
8851	14.2	1.3	20	6	AR150229	0.71
c8852	14.2	1.3	20	6	AR154595	0.71
c8853	14.2	1.3	20	6	AR167144	0.71
8854	14.2	1.3	20	6	AR211961	0.71
8855	14.2	1.3	20	6	AR215889	0.71
c8856	14.2	1.3	20	6	AR226092	0.71
c8857	14.2	1.3	20	6	AR233332	0.71
c8858	14.2	1.3	20	6	AR272176	0.71
8859	14.2	1.3	20	6	AR302586	0.71
8860	14.2	1.3	20	6	AR306782	0.71
8861	14.2	1.3	20	6	AR307888	0.71
c8862	14.2	1.3	20	6	AR310755	0.71
c8863	14.2	1.3	20	6	AR312796	0.71
8864	14.2	1.3	20	6	AR313725	0.71
8865	14.2	1.3	20	6	AX298904	0.71
c8866	14.2	1.3	20	6	AX613836	0.71
8867	14.2	1.3	20	6	BD089278	0.71
8868	14.2	1.3	20	6	BD094869	0.71
c8869	14.2	1.3	20	6	BD138086	0.71
8870	14.2	1.3	20	6	BD138324	0.71
c8871	14.2	1.3	20	6	E06733	0.71
8872	14.2	1.3	20	6	E40730	0.71

c8873	14.2	1.3	20	6	E63806	0.71
8874	14.2	1.3	20	6	I02471	0.71
8875	14.2	1.3	20	6	I12631	0.71
8876	14.2	1.3	20	6	I14209	0.71
8877	14.2	1.3	20	6	I22523	0.71
8878	14.2	1.3	20	6	I47348	0.71
c3214	15.6	1.4	22	6	AR066756	0.709091
3215	15.6	1.4	22	6	AR242944	0.709091
3216	15.6	1.4	22	6	AR242948	0.709091
3217	15.6	1.4	22	6	AX384996	0.709091
3218	15.6	1.4	22	6	AX385000	0.709091
c1170	17	1.5	24	6	AR168453	0.708333
c1171	17	1.5	24	6	AR241846	0.708333
1172	17	1.5	24	6	AX394609	0.708333
c1173	17	1.5	24	6	BD097127	0.708333
c1174	17	1.5	24	6	BD161931	0.708333
c1175	17	1.5	24	6	E13209	0.708333
c63848	12	1.1	17	6	AR016252	0.705882
c63849	12	1.1	17	6	AR046888	0.705882
c63850	12	1.1	17	6	AR046890	0.705882
c63851	12	1.1	17	6	AR047002	0.705882
c63852	12	1.1	17	6	AR047004	0.705882
c63853	12	1.1	17	6	AR051157	0.705882
c63854	12	1.1	17	6	AR072247	0.705882
c63855	12	1.1	17	6	AR153869	0.705882
c63856	12	1.1	17	6	AR164696	0.705882
c63857	12	1.1	17	6	AR188874	0.705882
63858	12	1.1	17	6	AR191845	0.705882
c63859	12	1.1	17	6	AR218660	0.705882
c63860	12	1.1	17	6	AR223075	0.705882
c63861	12	1.1	17	6	AR229837	0.705882
c63862	12	1.1	17	6	AR262093	0.705882
c63863	12	1.1	17	6	AX146680	0.705882
c63864	12	1.1	17	6	AX146681	0.705882
63865	12	1.1	17	6	AX217296	0.705882
63866	12	1.1	17	6	AX217765	0.705882
63867	12	1.1	17	6	AX218023	0.705882
63868	12	1.1	17	6	AX218237	0.705882
63869	12	1.1	17	6	AX218238	0.705882
63870	12	1.1	17	6	AX218239	0.705882
63871	12	1.1	17	6	AX218240	0.705882
63872	12	1.1	17	6	AX218280	0.705882
63873	12	1.1	17	6	AX218281	0.705882
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c63875	12	1.1	17	6	AX421711	0.705882
63876	12	1.1	17	6	AX422190	0.705882
c63877	12	1.1	17	6	AX422238	0.705882
c63878	12	1.1	17	6	AX422239	0.705882
63879	12	1.1	17	6	AX422812	0.705882
63880	12	1.1	17	6	AX423040	0.705882
c63881	12	1.1	17	6	AX423246	0.705882
63882	12	1.1	17	6	AX423428	0.705882
63883	12	1.1	17	6	AX423450	0.705882
63884	12	1.1	17	6	AX423780	0.705882
63885	12	1.1	17	6	AX423781	0.705882
c63886	12	1.1	17	6	AX427088	0.705882
c63887	12	1.1	17	6	AX648753	0.705882
c63888	12	1.1	17	6	AX648754	0.705882
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c63890	12	1.1	17	6	AX648756	0.705882

c63891	12	1.1	17	6	AX648757	0.705882
c63892	12	1.1	17	6	AX648758	0.705882
c63893	12	1.1	17	6	AX676084	0.705882
63894	12	1.1	17	6	AX690409	0.705882
63895	12	1.1	17	6	AX690410	0.705882
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c63897	12	1.1	17	6	AX726672	0.705882
c63898	12	1.1	17	6	AX728023	0.705882
63899	12	1.1	17	6	AX729303	0.705882
c63900	12	1.1	17	6	AX729345	0.705882
63901	12	1.1	17	6	AX732200	0.705882
63902	12	1.1	17	6	AX732633	0.705882
c63903	12	1.1	17	6	AX733833	0.705882
c63904	12	1.1	17	6	AX735353	0.705882
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c63906	12	1.1	17	6	AX736634	0.705882
c63907	12	1.1	17	6	AX738792	0.705882
63908	12	1.1	17	6	AX739164	0.705882
63909	12	1.1	17	6	AX739188	0.705882
c63910	12	1.1	17	6	BD087511	0.705882
c63911	12	1.1	17	6	I26358	0.705882
c63912	12	1.1	17	6	I36186	0.705882
c63913	12	1.1	17	6	I51717	0.705882
c63914	.12	1.1	17	6	I53940	0.705882
c63915	12	1.1	17	6	I53942	0.705882
c63916	12	1.1	17	6	I54054	0.705882
c63917	12	1.1	17	6	I54056	0.705882
17780	13.4	1.2	19	6	AR012011	0.705263
c17781	13.4	1.2	19	6	AR240864	0.705263
c17782	13.4	1.2	19	6	AR240876	0.705263
5747	14.8	1.3	21	6	AR136776	0.704762
5748	14.8	1.3	21	6	AX713257	0.704762
2298	16.2	1.5	23	6	AX440932	0.704348
2299	16.2	1.5	23	6	AX609024	0.704348
c 593	17.6	1.6	25	6	AR105982	0.704
c 594	17.6	1.6	25	6	AR288252	0.704
c 595	17.6	1.6	25	6	AX043064	0.704
c 596	17.6	1.6	25	6	AX043721	0.704
c 597	17.6	1.6	25	6	I58009	0.704
c 598	17.6	1.6	25	6	I96072	0.704
c 250	19	1.7	27	6	AR089960	0.703704
c 251	19	1.7	27	6	AR196995	0.703704
c 252	19	1.7	27	6	AR259149	0.703704
c10552	14	1.3	20	6	AR086109	0.7
c10553	14	1.3	20	6	AR086110	0.7
10554	14	1.3	20	6	AR315494	0.7
c10555	14	1.3	20	6	AX104239	0.7
10556	14	1.3	20	6	AX294212	0.7
c10557	14	1.3	20	6	AX355709	0.7
c10558	14	1.3	20	6	AX418658	0.7
c10559	14	1.3	20	6	AX547292	0.7
c10560	14	1.3	20	6	E12411	0.7
c10561	14	1.3	20	6	E13187	0.7
c10562	14	1.3	20	6	E13188	0.7
10563	14	1.3	20	6	I27758	0.7